

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GEORGIA	CSNHS-M002-00 (373)	23	26

SUGGESTED SEQUENCE
REPAIR ITEM ⑥ CONCRETE REPAIRS

CARE SHALL BE TAKEN NOT TO DAMAGE ANY PRESTRESSING STEEL, MILD STEEL OR BRIDGE COMPONENT.

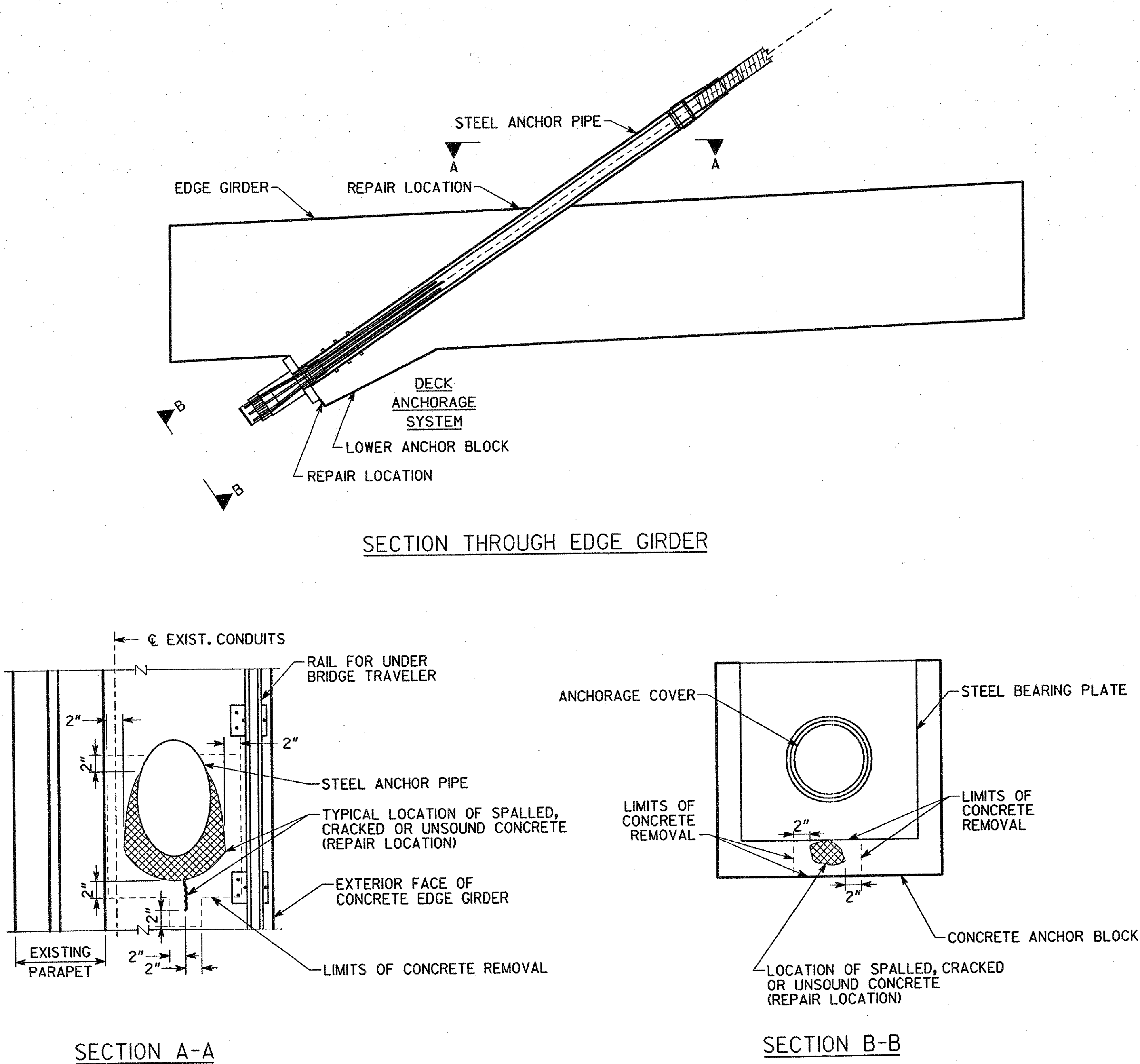
1. LOCATE AREAS OF UNSOUND CONCRETE AND MARK CONCRETE REMOVAL AREA 2" BEYOND EACH EDGE OF THE UNSOUND CONCRETE.
2. REMOVE CONCRETE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. EDGES OF CONCRETE SHALL BE SAWCUT 1/2" DEEP. REMOVAL OF CONCRETE SHALL BE ACCOMPLISHED UTILIZING A 30 POUND HAND-HELD CHIPPING HAMMER WITH FLAT HEAD CHISEL.
3. REMOVE ANY OIL, DUST, DIRT, SLURRY FROM SAW OPERATION, AND OTHER CONTAMINANTS JUST PRIOR TO PATCHING.
4. PREPARE CONCRETE SURFACE AND APPLY THE CONCRETE REPAIR MATERIAL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

NOTES

1. FOR GENERAL NOTES, SEE SHEET NO. 7.
2. REPAIR AREA INCLUDES APPROXIMATE QUANTITIES AND ACTUAL QUANTITIES MAY DIFFER. THE ENGINEER SHALL IDENTIFY AREAS OF UNSOUND CONCRETE SURROUNDING THE ANCHOR PIPES IN THE EDGE GIRDER AND IN THE LOWER ANCHOR BLOCK.

EAST EDGE GIRDER		WEST EDGE GIRDER	
LOCATION	ESTIMATED REPAIR AREA SQ. FT.	LOCATION	ESTIMATED REPAIR AREA SQ. FT.
SE27	3	SW4	3
SE29	3	SW5	4
SE31	3	SW6	4
SE32	3	SW7	3
SE33	4	SW8	3
SE35	4	SW9	3
NE37	3	SW10	1
NE39	4	SW29	1
NE40	3	SW30	4
NE41	3	SW31	4
NE42	3	SW32	3
NE43	3	SW33	1
NE44	3	SW34	1
NE46	2	SW35	1
NE47	1	SW36	9
NE67	2	NW37	2
		NW38	2
		NW39	2
		NW40	4
		NW41	2
		NW42	2
		NW43	2
		NW44	3
		NW45	1
		NW62	2
		NW65	2
		NW66	4
		NW67	4
		NW68	4

LOWER ANCHOR BLOCK	
LOCATION	ESTIMATED REPAIR AREA SQ. FT.
SW10	1



REPAIR LEGEND	
REPAIR	DESCRIPTION
①	STEEL ANCHOR PIPE CRACK REPAIR
②	HEAT STRAIGHTENING OF STEEL ANCHOR PIPE
③	REMOVAL OF EXISTING PROTECTIVE BOOTS, STEEL KEEPER RINGS AND WASHERS
④	INSTALLATION OF NEW WASHERS AND STEEL KEEPER RINGS
⑤	PROTECTIVE BOOT RETROFIT
⑥	MISCELLANEOUS CONCRETE REPAIRS
⑦	TIE-DOWN BOOT REPAIR
⑧	MISCELLANEOUS ELECTRICAL REPAIRS
⑨	CABLE STAY PROTECTIVE TAPE REPAIR

Lichtenstein
Consulting Engineers
11 HURON DRIVE, NATICK, MA 01760

GEORGIA
DEPARTMENT OF TRANSPORTATION
OPERATIONS DIVISION-OFFICE OF MAINTENANCE

MISCELLANEOUS CONCRETE REPAIRS
TALMADGE MEMORIAL BRIDGE RETROFIT
CHATHAM COUNTY CSNHS-M002-00 (373)

NO SCALE MARCH 2006

DESIGNED	K.J.B.	CHECKED	I.S.	REVIEWED	
DRAWN	R.B.H.	DESIGN GROUP	MAINTENANCE	APPROVED	

BRIDGE SHEET
23 OF 26